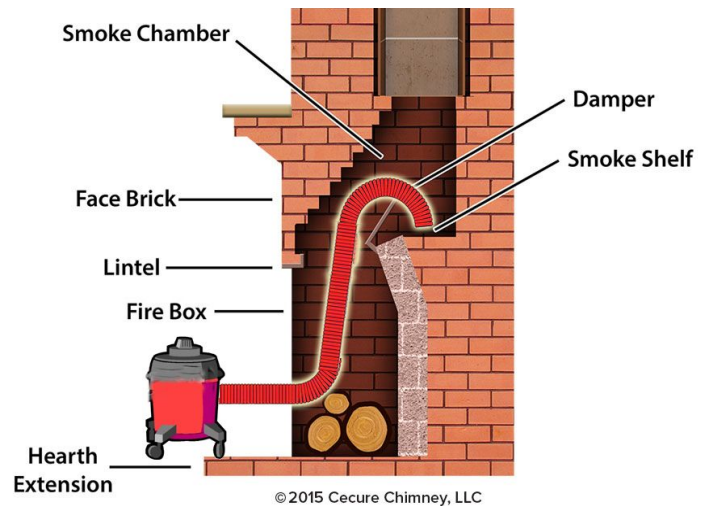


Gas Insert Installation

1. Make sure the **gas line is present and “legal”** (either pre-existing or just signed off by town inspector)

1. Make sure the **electrical outlet is installed** if they want the blower cord concealed.
2. **Clean** the chimney - while on the roof drop tape measure to get chimney length (bottom of tape will hit smoke shelf - you will need to add the length from smoke shelf to top of insert + extra 6” for **needed liner length**).
3. Clean the **firebox**
4. Clean the **smoke shelf**



5. Remove from insert (still in van) the **glass and ceramic logs** and set them in a safe place indoors.
6. **Bring** insert indoors too.
7. **Install the Blower** if applies.
8. Drop tape measure from chimney top to fireplace for desired flex length (add 1 ft. extra)
9. **Stretch** one 3” liner to double the **needed liner length** - then cut in half to get 2 pieces 17 feet long (for longer pieces use extra flex)



10. Apply RTV silicone to **Exhaust collar** on the Vent Cap



11. Attach the exhaust and intake liners with **3 stainless screws**



12. **Mark the Exhaust liner** bottom end with tape or marker.



13. **Feed** both liners down the chimney down to the smoke shelf



Note: **To avoid getting stuck or damaged** - Duct tape the liner **ends together** and attach a long **rope** to them with a **small weight** (so you can pull gently from the bottom) if:

- the chimney has bends and elbows in it
- the chimney is small size and barely fits the 2 liners
- the chimney is very tall
- the flue tile joints mortar protrudes inward a lot



11. **From the bottom:** guide the 2 liners **past the damper** into firebox making sure the the **exhaust liner is either on left or right** corresponding to exhaust on the insert. Also - pull down enough liner so that the bottom plate of the vent cap is sitting **flat on the chimney**

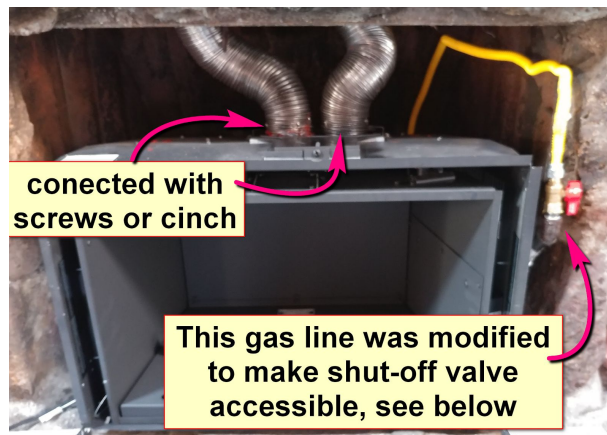


12. Cut the **excess liner off** - leave extra 2" for some slack

13. **Test fit** insert into firebox to determine gas line connection and make sure you can center the insert.

14. **Plug in** the Blower (if box present),

14. Apply red **RTV silicone to exhaust collar** and attach both liners with 3 stainless screws or cinch straps.



14. **On the roof:** lift the bottom plate of vent cap just enough to inject clear silicone between it and pre-existing chimney top surface, you want it sealed all the way around and the bottom plate centered on the chimney. Use a business card to remove excess silicone - Nice and clean

15. **Cut off excess** corners of that plate if aesthetically necessary.

14. Make Gas line connection:

- **First - Shut Off the gas to the line!**

Connection Rules



Only Black pipe Never *Galvanized*



Scenario 1. If shut-off valve is in floor or wall outside of firebox -

connect flex from insert

directly to 1/2" gas line using a **transition fitting**. (1/2" female thread/12" male flared)

How tight? 1/4 turn past tight - do not overtighten



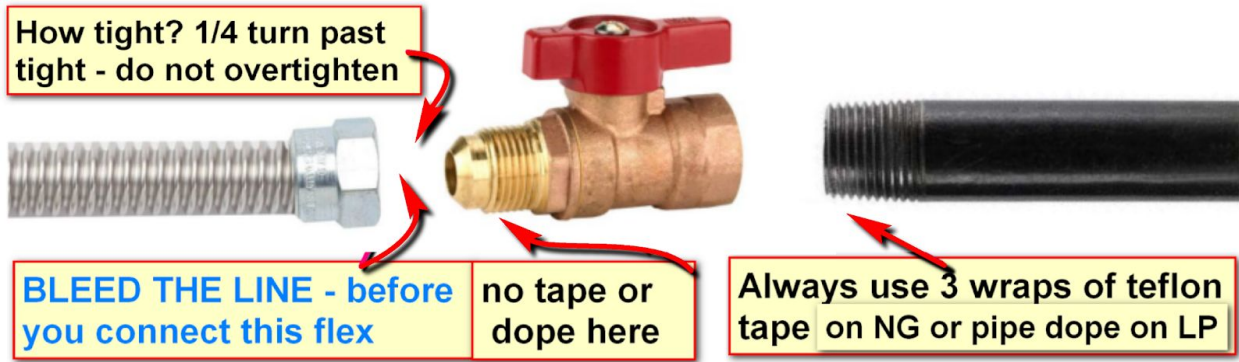
BLEED THE LINE - before you connect this flex

no tape or dope here

Always use 3 wraps of teflon tape on NG or pipe dope on LP

Scenario 2. If no pre-installed shut off valve present - install a manual 1/2"

red handle shut-off valve **between** flex and gas line, and **MAKE SURE** this valve will be **QUICKLY** and **EASILY ACCESSIBLE** in emergency situation without having to use tools to remove any insert trim panels.



13. **Leak test** all connections with electronic detector or blue pipe soap.
14. **Level and center** the insert - reduce any wobble.
15. **Start** the Insert, manually or by remote if present. Make sure it works well.
16. Install **trim panels**
17. Install **Logs, vermiculite, glass, safety barrier (screen)**.
18. **Wipe** insert exterior, **touch up** any scratches with Flat Black (Thurmalox stove paint)
19. Test ignition **multiple times**
20. Present controls to the Client. **Explain:**
 - How to use it (**switches or remote**)
 - Location of **batteries** to replace once a year.
 - There will be temporary **fumes**, ventilate the first day.
 - Glass **fog** will disappear
 - How to **remove the glass** to remove sulphur deposits (white haze)

Items you may need to buy:

